

Part 2, Appendix A

799 MHz

960 Narrowband Mobile Channels (0.25 KHz each, aggregate 0.25 KHz)

1841	1761	1681	1601	1521	1441	1361	1281	1201	1121	1041	961
1842	1762	1682	1602	1522	1442	1362	1282	1202	1122	1042	962
1843	1763	1683	1603	1523	1443	1363	1283	1203	1123	1043	963
1844	1764	1684	1604	1524	1444	1364	1284	1204	1124	1044	964
1845	1765	1685	1605	1525	1445	1365	1285	1205	1125	1045	965
1846	1766	1686	1606	1526	1446	1366	1286	1206	1126	1046	966
1847	1767	1687	1607	1527	1447	1367	1287	1207	1127	1047	967
1848	1768	1688	1608	1528	1448	1368	1288	1208	1128	1048	968
1849	1769	1689	1609	1529	1449	1369	1289	1209	1129	1049	969
1850	1770	1690	1610	1530	1450	1370	1290	1210	1130	1050	970
1851	1771	1691	1611	1531	1451	1371	1291	1211	1131	1051	971
1852	1772	1692	1612	1532	1452	1372	1292	1212	1132	1052	972
1853	1773	1693	1613	1533	1453	1373	1293	1213	1133	1053	973
1854	1774	1694	1614	1534	1454	1374	1294	1214	1134	1054	974
1855	1775	1695	1615	1535	1455	1375	1295	1215	1135	1055	975
1856	1776	1696	1616	1536	1456	1376	1296	1216	1136	1056	976
1857	1777	1697	1617	1537	1457	1377	1297	1217	1137	1057	977
1858	1778	1698	1618	1538	1458	1378	1298	1218	1138	1058	978
1859	1779	1699	1619	1539	1459	1379	1299	1219	1139	1059	979
1860	1780	1700	1620	1540	1460	1380	1300	1220	1140	1060	980
1861	1781	1701	1621	1541	1461	1381	1301	1221	1141	1061	981
1862	1782	1702	1622	1542	1462	1382	1302	1222	1142	1062	982
1863	1783	1703	1623	1543	1463	1383	1303	1223	1143	1063	983
1864	1784	1704	1624	1544	1464	1384	1304	1224	1144	1064	984
1865	1785	1705	1625	1545	1465	1385	1305	1225	1145	1065	985
1866	1786	1706	1626	1546	1466	1386	1306	1226	1146	1066	986
1867	1787	1707	1627	1547	1467	1387	1307	1227	1147	1067	987
1868	1788	1708	1628	1548	1468	1388	1308	1228	1148	1068	988
1869	1789	1709	1629	1549	1469	1389	1309	1229	1149	1069	989
1870	1790	1710	1630	1550	1470	1390	1310	1230	1150	1070	990
1871	1791	1711	1631	1551	1471	1391	1311	1231	1151	1071	991
1872	1792	1712	1632	1552	1472	1392	1312	1232	1152	1072	992
1873	1793	1713	1633	1553	1473	1393	1313	1233	1153	1073	993
1874	1794	1714	1634	1554	1474	1394	1314	1234	1154	1074	994
1875	1795	1715	1635	1555	1475	1395	1315	1235	1155	1075	995
1876	1796	1716	1636	1556	1476	1396	1316	1236	1156	1076	996
1877	1797	1717	1637	1557	1477	1397	1317	1237	1157	1077	997
1878	1798	1718	1638	1558	1478	1398	1318	1238	1158	1078	998
1879	1799	1719	1639	1559	1479	1399	1319	1239	1159	1079	999

802 MHz

1884	1804	1724	1644	1564	1484	1404	1324	1244	1164	1084	1004
1885	1805	1725	1645	1565	1485	1405	1325	1245	1165	1085	1005
1886	1806	1726	1646	1566	1486	1406	1326	1246	1166	1086	1006
1887	1807	1727	1647	1567	1487	1407	1327	1247	1167	1087	1007
1888	1808	1728	1648	1568	1488	1408	1328	1248	1168	1088	1008
1889	1809	1729	1649	1569	1489	1409	1329	1249	1169	1089	1009
1890	1810	1730	1650	1570	1490	1410	1330	1250	1170	1090	1010
1891	1811	1731	1651	1571	1491	1411	1331	1251	1171	1091	1011
1892	1812	1732	1652	1572	1492	1412	1332	1252	1172	1092	1012
1893	1813	1733	1653	1573	1493	1413	1333	1253	1173	1093	1013
1894	1814	1734	1654	1574	1494	1414	1334	1254	1174	1094	1014
1895	1815	1735	1655	1575	1495	1415	1335	1255	1175	1095	1015
1896	1816	1736	1656	1576	1496	1416	1336	1256	1176	1096	1016
1897	1817	1737	1657	1577	1497	1417	1337	1257	1177	1097	1017
1898	1818	1738	1658	1578	1498	1418	1338	1258	1178	1098	1018
1899	1819	1739	1659	1579	1499	1419	1339	1259	1179	1099	1019
1900	1820	1740	1660	1580	1500	1420	1340	1260	1180	1100	1020
1901	1821	1741	1661	1581	1501	1421	1341	1261	1181	1101	1021
1902	1822	1742	1662	1582	1502	1422	1342	1262	1182	1102	1022
1903	1823	1743	1663	1583	1503	1423	1343	1263	1183	1103	1023
1904	1824	1744	1664	1584	1504	1424	1344	1264	1184	1104	1024
1905	1825	1745	1665	1585	1505	1425	1345	1265	1185	1105	1025
1906	1826	1746	1666	1586	1506	1426	1346	1266	1186	1106	1026
1907	1827	1747	1667	1587	1507	1427	1347	1267	1187	1107	1027
1908	1828	1748	1668	1588	1508	1428	1348	1268	1188	1108	1028
1909	1829	1749	1669	1589	1509	1429	1349	1269	1189	1109	1029
1910	1830	1750	1670	1590	1510	1430	1350	1270	1190	1110	1030
1911	1831	1751	1671	1591	1511	1431	1351	1271	1191	1111	1031
1912	1832	1752	1672	1592	1512	1432	1352	1272	1192	1112	1032
1913	1833	1753	1673	1593	1513	1433	1353	1273	1193	1113	1033
1914	1834	1754	1674	1594	1514	1434	1354	1274	1194	1114	1034
1915	1835	1755	1675	1595	1515	1435	1355	1275	1195	1115	1035
1916	1836	1756	1676	1596	1516	1436	1356	1276	1196	1116	1036
1917	1837	1757	1677	1597	1517	1437	1357	1277	1197	1117	1037
1918	1838	1758	1678	1598	1518	1438	1358	1278	1198	1118	1038
1919	1839	1759	1679	1599	1519	1439	1359	1279	1199	1119	1039
1920	1840	1760	1680	1600	1520	1440	1360	1280	1200	1120	1040

Narrowband Channels

- Two may be combined provided that the lower channel number is 1841-1879.
- Four may be combined provided that the lower channel number is 1884-1919.
- Channel numbers for combined channels are designated by the lower and higher channel numbers separated by a hyphen, e.g., "1-2" and "1841-1844".
- Narrowband channels must maintain a data throughput efficiency of not less than 4.0 kbps for each 0.25 MHz of bandwidth.

**APPENDIX B**

**MEMORANDUM OF UNDERSTANDING  
BY AND BETWEEN  
NEW ENGLAND REGION 19 700 MHz PLANNING COMMITTEE  
AND**

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TO:

\_\_\_\_\_  
(Signer of application and title)

\_\_\_\_\_  
(Agency name)

FROM:

\_\_\_\_\_, Chairman  
(Name)

DATE:

\_\_\_\_\_  
(mm/dd/yy)

SUBJECT: Memorandum of Understanding for Operating the 700 MHz Interoperability Channels for Region 19

This Memorandum of Understanding (hereafter referred to as MOU) shall be attached to the application when submitting it. By virtue of signing and submitting the application and this MOU, (agency name), (hereafter referred to as APPLICANT) affirms its willingness to comply with the proper operation of the Interoperability (interoperability) channels as dictated by the New England Region 19 700 MHz Regional Planning Committee (hereafter referred to as RPC) as approved by the Federal Communications Commission (hereafter referred to as FCC) and by the conditions of this MOU.

The APPLICANT shall abide by the conditions of this MOU which are as follows:

- To operate by all applicable State, County, and City laws and ordinances.
- To utilize “plain language” for all transmissions.
- To monitor the Calling Channel(s) and coordinate the use of the Tactical Channels.
- To identify inappropriate use and mitigate the same from occurring in the future.
- To limit secondary Trunked operation to the interoperability channels specifically approved on the application and limited to channels listed below.
- To relinquish secondary Trunked operation of approved interoperability channels to requests for primary conventional access with same or higher priority.
- To mitigate contention for channels by exercising the Priority Levels identified in this MOU.
- The applicant agency will use these interoperability channels with (number of mobile/portable units) and will notify the New England Region 19 700 MHz Regional Planning Committee (RPC) if the number of radios programmed increases by more than 10% of the number of units listed above.

The preceding conditions are the primary, though not complete, requirements for operating in the interoperability channels. (Refer to the New England Region 19 Plan for the complete requirements list.)

Priority Levels:

1. Disaster or extreme emergency operation for mutual aid and interagency communications;
2. Emergency or urgent operation involving imminent danger to life or property;
3. Special event control, generally of a preplanned nature (including Task Force operations);
4. Single agency secondary communications.

To resolve contention within the same priority, the channel should go to the organization with the wider span of control and/or authority. This shall be determined by the State Interoperability Executive Committee or RPC for the operation or by the levels of authority/government identified in the contention.

For clarification purposes and an aid to operate as authorized, any fixed or mobile relay stations identified on the license for temporary locations (FCC station class FBT or FB2T, respectively) shall remain within the licensed area of operation. Similarly, vehicular/mobile repeater stations (FCC station class MO3) shall remain within the licensed area of operation. Federal agencies are permitted access to interoperability channels only as authorized by 47 CFR 2.102 & 2.103 and Part 7.12 of the National Telecommunications Information Administration (NTIA) Manual.

Any violation of this MOU, the New England Region 19 Plan, or FCC Rule shall be addressed immediately. The first level of resolution shall be between the parties involved, next the State Interoperability Executive Committee or RPC, and finally the FCC.

Secondary Trunked Channels

GTAC5 - Channel 54 & 55  
GTAC7 - Channel 134 & 135  
GTAC9 - Channel 214 & 215  
GTAC11 - Channel 294 & 295  
GTAC13 - Channel 374 & 375

GTAC35 -- Channel 534 & 535  
GTAC37 -- Channel 614 & 615  
GTAC39 -- Channel 694 & 695  
GTAC41 -- Channel 774 & 775  
GTAC43 -- Channel 854 & 855

These parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of the Agreement.

\_\_\_\_\_  
(Printed name of Region 19 Representative and title)

\_\_\_\_\_  
(Signature of Region 19 Representative)

\_\_\_\_\_  
(Date)

New England Region 19 700 MHz Committee

\_\_\_\_\_  
(Printed name of authorized signer and title)

\_\_\_\_\_  
(Authorized signer identified above and consistent with application)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Agency name)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Signer's telephone)

\_\_\_\_\_  
(Signer's email address)

(Agency letterhead of Licensee)

## APPENDIX C

### MEMORANDUM OF AGREEMENT BY AND BETWEEN NEW ENGLAND REGION 19 700 MHz PLANNING COMMITTEE AND

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TO:

\_\_\_\_\_  
(Recipient person and title)

\_\_\_\_\_  
(Recipient agency)

FROM:

\_\_\_\_\_  
(Authorizing person and title)

\_\_\_\_\_  
(Authorizing agency)

DATE:

\_\_\_\_\_  
(mm/dd/yy)

SUBJECT: Memorandum of Agreement Regarding Mobil Radio Parameters

New England Region 19 700 MHz Committee (grantor) authorizes  
\_\_\_\_\_  
(grantee) to operate \_\_\_\_\_  
(quantity) mobile (vehicular or hand-held)

radios. Such operation shall be per the following parameters:

Call Sign	Frequency(ies)	Max. Power	Channel Description
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(Use additional attachments as necessary for more frequencies/channels)

This written agreement applies to operations in cooperation and coordination with activities of the licensee per New England Region 19 Plan, FCC Rules 47 CFR Parts 2.102(c), 2.103 and 90.421 and Part 7.12 of the National Telecommunications Information Administration Manual. Furthermore, the grantor reserves the right to effectively eliminate the possibility of unauthorized operation, which ultimately could result in terminating this written agreement.

These parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of the Agreement.

\_\_\_\_\_  
(Printed name of Region 19 representative and title)

\_\_\_\_\_  
(Signature of Region 19 representative)

\_\_\_\_\_  
(Date)

New England Region 19 700 MHz Committee

and

\_\_\_\_\_  
(Printed name of authorized signer and title)

\_\_\_\_\_  
(Authorized signer identified above)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Agency name)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Agency address)

\_\_\_\_\_  
(Signer's phone)

\_\_\_\_\_  
(Signer's email address, if available)

## **APPENDIX D**

### **NEW ENGLAND REGION 19 700 MHZ COMMITTEE DISPUTE RESOLUTION PROCESS**

#### **INTRODUCTION**

The New England Region 19 700 MHz Committee is established under section 90.527 of the Federal Communications Commission's (FCC) rules and regulations. It is an independent Committee apart from the Federal Communications Commission with authority to evaluate applications for public safety uses of the spectrum allocated under FCC Docket 96-86 and amended under FCC Docket 07-132, Second Report and Order. In addition, the Committee hears appeals of the decisions and allocations which it has made. The formal requirements of the appeal process are set out below.

In order to ensure that the appeal process is open and understandable to the public, the New England Region 19 700 MHz Committee has developed this procedure. The Committee and its members will follow this procedure (as may be amended). Any changes made to this process will require a modification to the Regional Plan and will be made available to the public.

The New England Region 19 700 MHz Committee will make every effort to process appeals in a timely fashion and issue decisions expeditiously.

#### **APPEALS COMMITTEE**

##### ***Members***

The Regional Chair may organize the Committee into Sub-Committees, each comprised of one or more members. The Appeals Sub-Committee is one of those Sub-Committees. Where an appeal is scheduled to be heard by this Sub-Committee, the chair is determined as follows:

- (a) if the chair of the Committee is on the Sub-Committee, he/she will be the chair;
- (b) if the chair of the Committee is not on the Sub-Committee but the vice-chair is, the vice-chair will be the chair; and
- (c) if neither the chair nor the vice-chair is on the Sub-Committee, the New England Region 19 700 MHz Committee will designate one of the members to be the chair.

##### ***Withdrawal or Disqualification of a Committee Member on the Grounds of Bias***

Where the chair or a Committee member becomes aware of any facts that would lead an informed person, viewing the matter reasonably and practically, to conclude that a member, whether consciously or unconsciously, would not decide a matter fairly, the member will be prohibited from conducting the appeal unless consent is obtained from all parties to continue. In addition, any party to an appeal may challenge a member on the basis of real or a reasonable appearance of bias.

##### ***Correspondence (Communicating) with the Committee***



To ensure the appeal process is kept open and fair to the participants, all correspondence to the New England Region 19 700 MHz Committee must be sent to the chair, vice-chair and secretary and other parties to the appeal.

Committee members will not contact a party on any matter relevant to the merits of the appeal, unless that member puts all other parties on notice and gives them an opportunity to participate. The appeal process is public in nature and all meetings regarding the appeal will be open to the public.

## **THE APPEAL PROCESS**

### **Filing an Appeal**

#### ***What can be appealed***

The Committee hears appeals of decisions or allocations.

#### ***Who can appeal***

An official of the entity who filed the original application to the New England Region 19 700 MHz Committee must be the person who files the appeal on behalf of the entity.

#### ***How to appeal***

A notice of appeal must be served upon the New England Region 19 700 MHz Committee. The notice of appeal may be "delivered" by mail, courier, or hand delivered to the office of the chair, vice-chair and secretary as listed in the Official Membership List. The Committee will also accept a notice of appeal by facsimile to the chair, vice-chair and secretary with the original copy of the notice of appeal served as indicated above.

Certain things must be included in a notice of appeal for it to be accepted. The notice of appeal **must** include:

1. name and address of the appellant;
2. name of the person, if any, making the request for an appeal on behalf of the appellant;
3. address for service of the appellant;
4. grounds for appeal (a detailed explanation of the appellant's objections to the determination - describe errors in the decision);
5. description of the relief requested; and
6. signature of the appellant or the appellant's representative.

#### ***Time limit for filing the appeal***

To appeal a decision or allocation, the entity who is subject to the decision must deliver a notice of appeal **within thirty calendar days** after receiving the decision.

#### ***Extension of time to appeal***

The Committee is allowed to extend the deadline, either before or after its expiration based upon a majority plus one vote of the Committee.



A request for an extension should be made to the chair, vice-chair and secretary in writing, and include the reasons for the delay in filing the notice of appeal and any other reasons which the requester believes support the granting of an extension of time to file the appeal.

***Rejection of a notice of appeal***

The Committee may reject a notice of appeal if:

- (a) it is determined that the appellant does not have standing to appeal; or
- (b) the Committee does not have jurisdiction over the subject matter or the remedy sought.

Before a notice of appeal is rejected, the Committee will inform the appellant of this in writing, with reasons, and give the appellant a thirty calendar day opportunity to make submissions and any potential parties with an opportunity to respond.

***Adding parties to the appeal***

In addition to the parties mentioned above, the Committee has the discretion to add any other person who may be “affected” by the appeal as a party to the appeal.

Anyone wanting to obtain party status should make a written request to the chair, vice-chair and secretary no less than thirty calendar days prior to the hearing date. The written request should contain the following information:

- (a) name, address, telephone, fax number and email of the person submitting the request,
- (b) detailed description of how the person is “affected” by the notice of appeal,
- (c) reasons why the person should be included in the appeal,
- (d) signature of the person submitting the request.

***Intervener status***

The Committee may also invite or permit an individual or organization to participate in a hearing as an intervener. Interveners are generally individuals or organizations that do not meet the criteria to become a party (i.e. “may be affected by the appeal”) but have sufficient interest in, or relevant expertise or view in relation to the subject matter of the appeal.

An individual or organization wanting to take part in an appeal as an intervener should send a written request to the chair, vice-chair and secretary. The written request should contain the following information:

- (a) name, address, telephone, fax number and email of the person or organization submitting the request,
- (b) detailed description of the interest or relevant expertise of the person or organization in relation to the subject matter of the appeal,
- (c) reason why the person or organization should be allowed to participate as an intervener in the appeal,
- (d) signature of the person submitting the request.

Prior to inviting or permitting an individual or organization to participate in a proceeding as an intervener, or deciding on the extent of that participation, the Committee will provide all parties with an opportunity to make representations if they wish to do so.

***Type of appeal hearing (written or oral)***

An appeal may be conducted by way of written submissions, oral hearing or a combination of both. The Committee will determine the appropriate type of appeal after a complete notice of appeal has been received. The Committee will normally conduct an oral hearing although it may order that a hearing proceed by way of written submissions in certain cases. Where a hearing by written submissions is being considered by the Committee, the Committee may request input from the parties.

***Burden of proof***

The burden or responsibility for proving a fact is on the person who asserts it.

***Notification of expert evidence***

The Committee requires any party that intends to present expert evidence at a hearing to provide the chair, vice-chair and secretary, and all other parties to the appeal, with advance notice that an expert will be called to give an opinion. Advance notice shall be no less than thirty calendar days. The notice should include a brief statement of the expert's qualifications and areas of expertise.

If a party intends to produce, at a hearing, a written statement or report prepared by an expert, a copy of the statement or report should be provided to the chair, vice-chair and secretary, and all parties to the appeal before the statement or report is given in evidence. Expert statements or reports are to be distributed no less than thirty calendar days prior to the hearing date.

***Documents***

If a party will be referring to a document, that document must be provided to the chair, vice-chair and secretary and all parties no less than thirty calendar days prior to the hearing.

**APPEALING THE APPEALS DECISION**

If a party is not satisfied with the decision of the Region, he or she can appeal that decision to the Federal Communications Commission.

## Part 2 Appendix E - Region 19 County and State Data

County and State	Population	% of Population	Square Miles	Persons / Square Mile
<b>Connecticut</b>	<b>3,405,565</b>	<b>100%</b>	<b>4,845</b>	<b>703</b>
Fairfield	882,567	25.9%	626	1,410
Hartford	857,183	25.2%	735	1,166
Litchfield	182,193	5.3%	920	198
Middlesex	155,071	4.6%	369	420
New Haven	824,008	24.2%	606	1,361
New London	259,088	7.6%	666	389
Tolland	136,364	4.0%	410	333
Windham	109,091	3.2%	513	213

<b>Maine</b>	<b>1,274,923</b>	<b>100%</b>	<b>30,862</b>	<b>41</b>
Androscoggin	103,793	8.1%	470	221
Aroostook	73,938	5.8%	6,672	11
Cumberland	265,612	20.8%	836	318
Franklin	29,467	2.3%	1,698	17
Hancock	51,791	4.1%	1,588	33
Kennebec	117,114	9.2%	868	135
Knox	39,618	3.1%	366	108
Lincoln	33,616	2.6%	456	74
Oxford	54,755	4.3%	2,078	26
Penobscot	144,919	11.4%	3,396	43
Piscataquis	17,235	1.4%	3,966	4
Sagadahoc	35,214	2.8%	254	139
Somerset	50,888	4.0%	3,926	13
Waldo	36,280	2.8%	730	50
Washington	33,941	2.7%	2,568	13
York	186,742	14.6%	991	189

<b>Massachusetts</b>	<b>6,349,097</b>	<b>100%</b>	<b>7,840</b>	<b>810</b>
Barnstable	222,230	3.5%	396	562
Berkshire	134,953	2.1%	931	145
Bristol	534,678	8.4%	556	962
Dukes	14,987	0.2%	104	144
Essex	723,419	11.4%	501	1,445
Franklin	71,535	1.1%	702	102
Hampden	456,228	7.2%	618	738
Hampshire	152,251	2.4%	529	288
Middlesex	1,465,396	23.1%	823	1,780
Nantucket	9,520	0.1%	48	199

Source: US Census Bureau , Census 2000 files:

Census 2000 Summary File 1, Matrices PCT-12 and P13. QuickFacts for Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

The New England 700 MHz Regional Plan, January 2008

County and State	Population	% of Population	Square Miles	Persons / Square Mile
<b>Massachusetts</b>	<b>6,349,097</b>	<b>100%</b>	<b>7,840</b>	<b>810</b>
Norfolk	650,308	10.2%	400	1,628
Plymouth	472,822	7.4%	661	716
Suffolk	689,807	10.9%	59	11,788
Worcester	750,963	11.8%	1,513	496

<b>New Hampshire</b>	<b>1,235,786</b>	<b>100%</b>	<b>8,968</b>	<b>138</b>
Belknap	56,325	4.6%	401	140
Carroll	43,666	3.5%	934	47
Cheshire	73,825	6.0%	707	104
Coos	33,111	2.7%	1,800	18
Grafton	81,743	6.6%	1,713	48
Hillsborough	380,841	30.8%	876	435
Merrimack	136,225	11.0%	934	146
Rockingham	277,359	22.4%	695	399
Strafford	112,233	9.1%	369	304
Sullivan	40,458	3.3%	537	75

<b>Rhode Island</b>	<b>1,048,319</b>	<b>100%</b>	<b>1,045</b>	<b>1,003</b>
Bristol	50,648	4.8%	25	2,052
Kent	167,090	15.9%	170	982
Newport	85,433	8.1%	104	821
Providence	621,602	59.3%	413	1,504
Washington	123,546	11.8%	333	371

<b>Vermont</b>	<b>608,827</b>	<b>100%</b>	<b>9,250</b>	<b>66</b>
Addison	35,974	5.9%	770	47
Bennington	36,994	6.1%	676	55
Caledoonia	29,702	4.9%	651	46
Chittenden	146,571	24.1%	539	272
Essex	6,459	1.1%	665	10
Franklin	45,417	7.5%	637	71
Grand Isle	6,901	1.1%	83	84
Lamoille	23,233	3.8%	461	50
Orange	28,226	4.6%	689	41
Orleans	26,277	4.3%	698	38
Rutland	63,400	10.4%	933	68
Washington	58,039	9.5%	689	84
Windham	44,216	7.3%	789	56
Windsor	57,418	9.4%	971	59

<b>Total</b>	<b>13,922,517</b>		<b>62,810</b>	<b>222</b>
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## **APPENDIX F**

### **NEW ENGLAND REGION 19**

### **AGENCIES TO BE CONSIDERED FOR INTEROPERABILITY**

The following is a listing of agencies which may need to communicate with each other during an emergency situation:

#### **Federal Agencies**

Federal Marshal  
Border Patrol  
Coast Guard  
Navy/Army/Marines  
Environmental Protection  
Treasury  
Indian Tribal Nations  
Forest Services  
Parks Services  
Emergency Management  
Transportation

#### **State Agencies**

Police  
Fire Marshall  
Environmental Protection  
Transportation  
Corrections  
Hazardous Materials  
Transit Authority  
Community Health  
Emergency Management

#### **City/Township/Town**

Police  
Parks  
Environmental Protection  
Fire  
Schools  
Public Works  
Schools  
Community Health  
Animal Control  
Ambulance services  
Bridge Authority  
Metro Parks

#### **County**

Sheriff  
Parks  
Environmental Protection  
Fire  
Road Commission  
Animal Control  
Ambulance Services  
Bridge authority  
Metro Parks  
Emergency Management

#### **Population Centers/ Industry, Business**

Factories  
Gas Company  
Electric Company  
Colleges/Schools  
Stadium(s)  
Convention Center

#### **Public Service**

Salvation Army  
Red Cross  
Radio Amateurs  
Ambulance Service  
Bridge Authority

#### **Hospitals**

City  
County  
Private

#### **Transportation**

Harbor Master  
Airport  
Railroad  
Civil Air Patrol  
Toll Road  
Bridge Authority

**APPENDIX G**

**NEW ENGLAND REGION 19**

**INITIAL PLANNING MEETING, MEETING MINUTES, ATTENDANCE**

**AND NOTIFICATION METHODS**

Initial Meeting

On December 7, 2000, the initial Planning Meeting for the New England Region 700 MHz Planning Committee was held at the Daniel Webster College in Nashua, New Hampshire. The meeting was called to order by Mr. George Pohorilak, current chair of the Region 19 800 MHz Committee. The meeting was open to the public.

Copies of the Federal Communications Commission (FCC) Public Notice and the minutes of the initial Planning Meeting are enclosed in this appendix.

## **December 2000 Minutes**

### NEW ENGLAND REGION 700MHZ PLANNING MEETING

#### MINUTES

DECEMBER 7, 2000  
DANIEL, WEBSTER COLLEGE  
Nashua, New Hampshire

9:15 am

Mr. George Pohorilak, current chair of the Region 19 800MHz Committee, called the meeting to order.

He described the mandate that gives him authority to convene this meeting

Pohorilak introduced James Warakois, Boston Police Communications as the Temporary Recording secretary.

Pohorilak introduced, himself the members of the panel, Jerry Zarwanski, DPS-OSET, and Jim Warakois, APCO AFC MA/RI.

Nominations were opened for Chairman.

R. DiBella nominated George Pohorilak; there were multiple seconds.

A second call for nominations was made. No further nominations were received.

The nominations for Chairman were closed. A voice vote was made.

George Pohorilak, Chairman of the New England 700MHZ Planning Committee.

Nominations opened for Vice Chairman.

Jerry Zarwanski was nominated, and seconded for Vice-Chairman.

A second call for nominations was made. No further nominations were received.

The nominations for Vice Chairman were closed. A voice vote was made.

Jerry Zarwanski, Vice Chairman of the New England Region 700MHZ Planning Committee.

Nominations opened for Recording Secretary

Jim Warakois was nominated, and seconded for Recording Secretary.

A second call for nomination was made. No further nominations were received.

The nominations for Recording Secretary were closed. A voice vote was made.

Jim Warakois, Recoding Secretary of the New England Region 19 700MHZ Planning Committee.

R. DiBella moved that the vote for all officers be made unanimous by acclamation. Seconded and affirmed by voice vote.

The Roberts Rules of Order will govern the proceedings of this committee.

Pohorilak introduced David Eierman, Motorola / NCC member.

Mr. Eierman spoke on the current status of the 700 MHz Transition.

A PowerPoint presentation was used to emphasize major points such as:

Reallocation of TV Channels 60 - 69; Allocations to Public Safety; NCC Current recommendations; National & Regional plans, existing and future; 700 MHz RPC Process; Adjacent Regions; Notifications of adjacent regions; Management of databases; TV Incumbency and timetables for change.

At the conclusion of Mr. Eierman's presentation the panel reconvened for further business.

G. Pohorilak asked those assembled if there was objection to delaying the formation of subcommittees until the next meeting of this committee which will be held in February 2001.

No objection was voiced.

Meeting adjourned at **10:31 am**

Respectfully submitted

James A. Warakois, Recording Secretary.

Documents made available prior to meeting:

NCC Implementation Subcommittee Final Draft Guidelines for 764-776/794-806 REGIONAL PLANNING COMMITTEES

**New England Region 700MHz Planning Meeting Agenda**

A meeting Registration list was created.



## **March 2001 Minutes**

New England Region 700MHz, Technical Advisory Committee Meeting

Thursday, March 29, 2001

State Police Headquarters, Framingham, Massachusetts

List of Attendees:

George Pohorilak DPS-OSET, State of Connecticut, Chairman

Jerry Zarwanski DPS-OSFT, State of Connecticut, Vice-Chairman

James Warakois Boston, MA, Police Communications, Secretary

Gregory Richardson Boston Fire Dept

James P. Kowalik NH State Police

Michael Doucette NH State Police - Troop F

Ralph R. Thompson

Rick Pollak Motorola

Robert DiBella Town of Glastonbury, CT

Thomas Crony Rhode Island State Police

John Pinkham Mass State Police

John Mosely Mass State Police

Mark Cady Worcester Fire

Richard Hanlon Mass State Police

Gary Gutowski Mass State Police

Phillip Balboni Boston EMS

George Carbonell CT DOT

Michael Stemmler CT State Police

The Chairman called the meeting to order at 9:40 AM.

The Chairman announced the publication of the Fifth Report and Order (FCC WT Docket No.96-86). Of immediate importance is the definition of the geographic regions served by the committees. The Chairman referenced the division of the State of Connecticut into Region 8 and Region 19. State decision to opt out must meet 7/1/01 deadline.

Copies of FCC Public Notice DA 01-58, Public Safety 700 MHz Band General Use Spectrum Deadline for changing Regional Boundaries were distributed. The Chairman requisitioned members of the committee, from the state of Connecticut, take a vote to include the entire state into one Region. He referenced page 1 of attachment B of DA 01-58.

Motion by G. Carbonell that: **THE STATE OF CONNECTICUT UN IT'S ENTIRETY BE MOVED TO REGION 19 FOR THE 700MHz SPECTRUM ASSIGNMENTS.** Second by R. DiBella. Comments by the Chairman and & Carbonell about the advantages of the change The Chairman called for a vote by those members from Connecticut. **The Vote was unanimous in the AFFIRMATIVE.** The FCC will be notified by letter of Connecticut's decision to opt out of Region 8 as a result of this vote.

## **Grant Application**

The Chairman next called attention to the document Regional Planning Committee Support Funding Program 2001. He pointed out the need for disbursement and accounting of any funds received from the National Institute of Justice AGILE Program Association of Public Safety Communications Officials, International (APCO), Atlantic Chapter was approached to provide the accounting and disbursement of any funds received under this program.

The treasurer of the APCO, Atlantic Chapter, Jeff Vannais was approached by the Chairman as to the willingness of APCO - Atlantic Chapter to hold money for the committee and disburse funds as authorized by the committee.

R. DiBella suggested that APCO - Atlantic Chapter handling the funds might give the appearance of favoritism. R. Thompson stated that the small sum of money would not be significant and from his view would not evoke feeling of conflict with IMSA or other frequency coordinators. G. Carbonell noted that the handling of the funds by APCO would avoid the accounting difficulties found within state accounting and disbursement systems. He questioned how many other organizations not tied to a state were setup to handle the disbursement of funds. It was noted that there would be no charges for servicing this account.

The chairman stated that the request for accounting support be brought before the APCO - Atlantic Chapter for approval. A Memorandum of Understanding will be generated between the 700Mhz Committee and APCO - Atlantic Chapter. Rules of fund disbursement will be identified. J. Kowalik inquired of the committee's intent to support funding for implementation of software training for maintenance of the frequency database. The Chairman suggested that use of the database would likely be by the Frequency Coordinators involved in the frequency assignment process.

Vice Chairman (J. Zarwanski) observed that the frequency database would be maintained by some person from the Committee. Coordination of frequencies could be by any of the Coordinators who currently coordinate Public Safety frequencies.

Motion by R. DiBella that APPLICATION BE MADE FOR A GRANT OF THE MAXIMUM FUNDS AVAILABLE FROM N.P.S.T.C. Seconded by G. Carbonell. Voted in the affirmative by the majority of those present.

Motion by R. DiBella that **APCO, ATLANTIC CHAPTER BE USED TO HOLD AND DISBURSE THE GRANT MONEYS RECEIVED.** Seconded by R. Thompson. **Voted in the affirmative by the majority of those present.**

Public Notice (FCC) DAOI-406 Public Safety 700 MHz Band-State License Option to Apply Runs through December 31, 2001 distributed.

The Chairman emphasized the need for each State to take prompt action to file application for the State frequencies even though the final rules have not been issued.

General discussion ensued regarding the designation by the States for State "Band Managers" for 700 MHz. J. Kowalik described the process in New Hampshire. The Chairman described the

process and intentions in Connecticut. J. Zarwanski explained the current procedure for filing for the license, the results that can be expected and the date of deadlines. The discussion by others emphasized the need for all of the Region 19 member states to file timely application for the "State 700MHz Band" even though the states were in preliminary discussions.

Motion by R. Thompson that **The Chairman send a letter to those states not represented at this session (Maine and Vermont) emphasizing the need for them to act on making application for the state allotment of 700 MHz frequencies.** (FCC Public Notice DA 01-406). Seconded by R. DiBella. **A voice vote was unanimous in the affirmative.**

The Chairman opened discussion about the plan development process. He suggested that the elements of the plan should begin by the June meeting.

The subjects of discussion included: Geographic boundaries; 800 MHz process and previous experience with the 821 MHz plan. The Chairman referred to the published NPSTC Plan and recommended it as a guideline for the 700MHz plan. The NPSTC Plan includes: Procedures; Plan Development; Technical Standards; Appeals; Interoperability; Eligibility; Applications; Enforcement; etc.

J. Kowalik suggested dividing plan development into two main areas with associated subcommittees: administrative procedures; and technical issues; and procedures isle noted many of the procedures be modeled after the 800MHz plan that is now in place. However, there are technical standards that will have to wait for FCC guidelines.

The possibility of Internet use by the members was discussed G. Carbonell suggested the creation of an Internet user group for exchange of information.

The Chairman suggested that the plan development process should begin before the next meeting. The following members agreed to begin drafting the following:

Procedures element - J. Kowalski

Eligibility sub committee - J. Zarwanski, G. Pohorilak

Applications process - sub committee, G. Pohorilak

It was suggested that the current Regional 19 plan be obtained for the members G. Carbonell agreed to "scan-in" the current Region S and Region 19 plans into a user group format to be available to the members of this committee via the Internet

The Chairman suggested holding the next meeting of the entire committee in late June. After discussion, Wednesday, June 20, 2001 was chosen as the next meeting date. The location, Vermont. The location address will be sent with Agenda to committee members

A general public notification of the meeting will be made to Public Safety Entities, especially those near the meeting venue

Motion by the Vice-Chairman that The minutes of the previous meeting be accepted as written. Second by G. Carbonell. There was no further discussion. The minutes of the previous meeting were approved by voice vote.

The Chairman called for any further comments or discussion from the floor.

Motion to adjourn voted and carried.

Meeting adjourned at 11:48 AM

**Documents distributed to attendees:**

- **Regional Planning Committee Support Funding Program 2001**, NPSTC (National Public Safety Telecommunications Committee
- FCC Public Notice, DA 01-58, Public Safety 700 MHz Band General Use Spectrum  
Deadline for Changing Regional Boundaries is July 2, 2001
- FCC Public Notice, DA 01-406, Public Safety 700 MHz Band--*State License Option To Apply Runs Through December 31 2001*
- Minutes New England Region 700 MHz Planning Meeting, December 7, 2000, Daniel Webster College, Nashua, New Hampshire.

Respectfully Submitted

James N Warakois, Secretary

## **June 2001 Minutes**

New England Region 700MHz, Technical Advisory Committee Meeting  
Wednesday, June 20, 2001

### List of Attendees:

George Pohorilak DPS-OSET, State of Connecticut, Chairman  
Jerry Zarwanski DPS-OSET, State of Connecticut, Vice-Chairman  
James Warakois Boston, MA, Police Communications, Secretary  
Stephan Brown CT State Aviation and Port  
George Carbonell CT DOT  
Stephen Verbil, Verbil Communications, Inc.  
Robert DiBella Town of Glastonbury, CT  
Mark Cady Worcester, MA, Fire  
Terry Lavalley VT State Police  
Elliot Derdak Boston, MA, EMS  
Bob Cruikshank Motorola  
Ralph R. Thomson Worcester, MA  
Thomas Crotty RI State Police  
Gary Gutowski MA State Police  
Mike Stemmler CT State Police  
Blair Sutherland MA State Police  
John Pinkham MA State Police

The third quarterly meeting of the New England Region 700MHz Technical Advisory Committee was held on Wednesday, June 20, 2001 at the Vermont State Police Barracks, Chester, VT. The Chairman called the meeting to order at 10:20 AM.

### First Order of Business:

Acceptance of the minutes of the previous meeting. **Moved** by G. Carbonell to **ACCEPT** the minutes as written. There was no discussion or changes. The minutes were approved as presented.

### **Grant Application:**

An **application** for a **grant** for operational expenses was submitted in May to the National Law Enforcement and Technology Center. There has been no response.

A **Memorandum of Understanding (MOU)** has been created between this Committee and the Atlantic Chapter of APCO. The funding obtained through the grant will be held and disbursed by the Atlantic Chapter APCO with Committee's approval, **voted** authorization.

### **700MHz FCC Planning Process:**

The Chairman discussed the historical development of the 800MHz Plan. He emphasized the need to examine the successful and unsuccessful processes used in that plan. The Chairman indicated the need for creativity/improvements for the forthcoming 700MHz plan development and not to necessarily copy the existing 800MHz plan.

The Chairman announced the intent of the Committee meetings to be held at various venues around Region 19 to allow wider attendance

The Chairman discussed the need for creating an **equitable representation from the community of Public Safety users**. The Chairman noted the need to take a proactive approach to gaining membership and interest. By moving the meeting sites among the states of Region 19 it is hoped that all committee members would be able to participate actively in the meetings. There are members of the **NCC** from within the Region who could serve as a link with the Committee for the exchange of ideas.

Mr. Carbonell noted that the Governor of each state has to designate some Public Safety group within the state to administer the "State License", state defined radio channels.

*General discussion:* The governor of Vermont has appointed the Vermont State Police as administrator within that state. New Hampshire and Maine have designated the State Police to administer. The Massachusetts State Police have filed application with the Governor for designation as administrator. Official designation has not been received. Connecticut has also moved to name an administrator with several possible choices.

Mr. Derdak observed that in all cases the license is always held by the highest political entity, which **is the State**. The department chosen to administer the license serves as "the mailing address." Mr. Crotty confirmed that the Rhode Island State Police would be the administrator in that state. The Chairman noted that the deadline for such appointments is the end of 2001. It seems certain that all administrators within Region 19 will be officially established by then. The Chairman placed some ideas on the **composition of the Committee**. The eligibility for membership could be determined/defined by state and category. The number of members must be decided as well as those who would be "members at-large."

*General discussion:* The **updated** list of those that are eligible must be confirmed. Public Safety entities such as Fire, Police, EMS, DOT and others must be identified as officially eligible. The Chairman noted that the identified groups must be notified of their eligibility to participate. A list of such groups will be prepared by the Chairman and circulated among the participants for comments.

*General discussion:* Better effort must be made to notify all with potential interest in the Committee. Meeting notices and committee information must be more widely distributed. Email lists can be also be used for dissemination.

Mr. Carbonell will investigate the development of a list server.

### **POINT SCORING PROCESS:**

The Chairman introduced the subject of scoring the applications for Regional Planning Committee (RPC) approval. He mentioned several of the shortcomings of the present system, the lack of completeness, or misunderstanding of instructions. There is a need for close examination of the process with the intent of streamlining or simplifying it.

There is a current practice in the 800 MHz planning process of returning applications numerous times for data or contacting the applicants for clarification.

**OLD BUSINESS:**

The Chairman reports that Connecticut has submitted to the FCC an "opt out" of Region 8 statement for the 700MHz planning process. All of Connecticut is now in the New England Regional Planning Process Region 19.

**NEW BUSINESS:**

The next meeting will be held on **Wednesday, September 26, 2001 at 10:30 AM at a location in Maine.** Mr. Carbonell **moved to adjourn. Carried.** Meeting adjourned 11:20 AM.

Respectfully Submitted

James Warakois, Secretary

Documents distributed to attendees:

- GUIDELINES FOR 764-776/794-806 REGIONAL PLANNING COMMITTEES, NCC Implementation Subcommittee Guidelines, May 10, 2001
- OUTLINE FOR 764-776/794-806 NATIONAL / REGIONAL PLANS, NCC Implementation Subcommittee, May 10, 2001
- Minutes **New England Region 700 MHz Planning Meeting**, Massachusetts State Police Headquarters, Framingham, Massachusetts, Thursday, March 29, 2001



## **September 2001 Minutes**

New England Region 700 MHz, Technical Advisory Committee Meeting  
September 26, 2001

List of Attendees: see attachment

The fourth quarterly meeting of the New England Region 700MHz Technical Advisory Committee was held on Wednesday September 26, 2001 at 10:30 AM, At the Municipal Police Headquarters, Scarborough, ME, the Chairman, Vice Chairman and Secretary present. Meeting convened at 10:35 AM.

The chairman called for a moment of silence for the Public Safety workers who lost their lives at the World Trade Center catastrophe.

Order of Business as follows:

**1.** Moved to ACCEPT the June 20, 2001 minutes (Exhibit I) as distributed. There was no request for changes and no discussion followed. The minutes were **APPROVED** as presented.

The Chairman noted that the **FCC** has formally **approved** the change in Region boundaries allowing this committee to encompass the entire political boundaries of the New England States. The entire State of Connecticut is now in this region. The Commission has issued a PUBLIC NOTICE, which was distributed (Exhibit II).

### **2. Membership / New Committee Members:**

Mark Cady, Worcester, MA, Fire Department has submitted written request to be a member of this committee.

The Chairman referred to a draft document originating with NPSTC, titled Bylaws of Region-- (Exhibit III) and a second document for reference, page 5 and 6 of a plan noted as "Region 8 Plan" (Exhibit IV). Discussion of Exhibit III and Exhibit IV followed.

### **ARTICLE I NAME & PURPOSE**

The Chairman proposed a formal name for this committee be "The New England 700 MHz Committee." Mr. DiBella suggested the name be "The New England States 700 MHz Committee." The committee voted and accepted a formal name to be "The New England Region 700MHz Committee".

### **ARTICLE II MEMBERS**

For purposes of this Article, the term "member," unless otherwise specified, refers to both voting and non-voting members.

### **VOTING MEMBER**

Voting members shall consist of one representative from any single agency engaged in public safety eligible to hold a license under U.S. **47 CFR 90.20, 47 CFR 90.523 or 47 CFR 2.103.** NUMBERS, ELECTION and QUALIFICATION

The Chairman referred to Exhibit V, a table illustrating membership eligibility that would provide equal representation. He noted that the Executive Committee would encompass each State. Every type of Public Safety entity, as defined, would be eligible to hold a seat. A total of ten persons from each state would be eligible for membership.

The chairman noted that the call for membership would be disseminated as widely as possible. Meetings held quarterly, moving from state to state.

Referring to Exhibit V, the Service Categories and eligibility would be Police, Fire, EMS, OEM/FEMA, at-large member and Highway as well as representatives from the coordinating bodies APCO, AASHTO, IMSA, FCCA.

The quorum for a meeting would be 9 eligible members present who are representatives from at least three (3) states of the Region.

A single agency shall be allowed no more than one vote for each distinct eligibility category within the agency's organization or political jurisdiction. No state may represent more than fifty percent of the total quorum for action by a vote.

The Regional Committee shall have two classes of members, "voting members" and "non-voting members." New members may be added at annual, special, or regular meetings. Voting members must attend one scheduled regular meeting annually.

**3. Discussion of Technical Proposal** - by NYS-TEC (New York State Technology Enterprise Corporation), Exhibit VI.

Mr. Zarwanski explained that this proposal suggest the frequency allocation in this scheme would be a pattern of cells established on a nationwide pattern. The Chairman observed that the plan would limit flexibility in the allocation of frequencies at the local level. Others commented that this type of allocation structure does not account for the effects on adjoining states. The predetermination of frequency assignment would deprive certain entities adequate numbers of channels. Mr. Carbonell suggested that members review the exhibit and prepare to comment at the next meeting of the committee.

#### **4. Procedures Committee** Mr. Jim Kowalik

Mr. Kowalik noted the difficulty of creating exact procedures due to the current structure of the band with the FCC decision to provide State Licenses and possibly frequency block licenses. Combining channels for wide-band use would affect the distribution of channels. The creation of state band managers would also cause delays in local allocations.

**Discussion:** Block allocation data is not firmly set although spectrum allocations charts and guidelines give some idea of current thinking. State boarder assignments would be handled by

NPSTC. The Region would be getting guidance from others (NPSTC, FCC, Precoordination Database regarding allocation procedures.

## **5. State licenses**

State license applications are in various states of completion. An issue in several states is obtaining appropriate authorization signatures and identifying the holding authority. Mr. Derdak observed that the License will be issued to the State by name and further administration of the license will be determined within that state.

## **6. Grant Application**

The funding has been received and deposited into the account being administered by APCO, Atlantic Chapter.

Mr. Carbonell provided information on the creation of a web page for the 700MHz group. This media would be used for informational and distribution purposes. Server Central (Web page developer) charge would be \$84 per year for placing the Web page. All control of the Web site would be under the Committee. The name of the Committee website was discussed and accepted as NER700MHZ.org

**Moved** by Mr. DiBella: To spend less than \$100 annually for a site Committee Web page.  
**Seconded** and **voted unanimously IN FAVOR.**

## **7. Committee Meeting Schedule**

**Moved** by Mr. Derdak that meetings of this committee be held on the second Tuesday of the last month of each calendar quarter, which will be March, June, September, and December. The **Annual Meeting** will be held in **SEPTEMBER** and will rotate locations with the normal schedule.

The next meeting will be held on Tuesday, December 11, 2001 at 10:00 am at the Emergency Operations Center, Office of Emergency Management, 645 New London Avenue, Cranston, Rhode Island.

Mr. DiBella moved to adjourn. Carried. Meeting adjourned at 11:55 AM

Respectfully submitted  
James Warakois, Secretary

Documents distributed to attendees:

- **New England Region 700MHz Technical Advisory Committee Meeting Minutes**, Wednesday, June 20, 2001 (Exhibit I)
- **FCC PUBLIC NOTICE**, PUBLIC SAFETY 700 MHz BAND- General Use Channels, APPROVAL OF CHANGES TO REGIONAL PLANNING BOUNDARIES OF CONNECTICUT AND MICHIGAN, September 10, 2001, (Exhibit II)
- **BYLAWS OF REGION--**, a draft, (Exhibit III)
- **FCC - Region 8 Plan**, (Exhibit IV)
- **700 MHz Membership Eligibility** - Voting, a spreadsheet. (Exhibit V)